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54	12	("4596917" "5760365" "5180440" "4449029" "4611744" "5843573" "4427869" "4861960" "4944786" "4989017" "5678725" "5846371" "6116792" "6473480" "6506997" "5265035" "5675521" "4427526" "5373157" "5424634" "5442555" "5699284" "6039885" "6116766" "6157900" "6173240" "6284022" "6358487" "6421613" "6560498" "5729463" "4535629" "6186011" "4432485" "4514612" "4850794" "5308172" "5762609" "6422090" "6518545" "4419562" "5192845" "5659479" "4358656" "4430550" "4505762" "4532408" "4595820" "4613743" "4869109").pn. and (thermal weld\$) same (distort\$ residual stress) same (simulat\$ emulat\$ model analy\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 09:30
57	10	("4596917" "5760365" "5180440" "4449029" "4611744" "5843573" "4427869" "4861960" "4944786" "4989017" "5678725" "5846371" "6116792" "6473480" "6506997" "5265035" "5675521" "4427526" "5373157" "5424634" "5442555" "5699284" "6039885" "6116766" "6157900" "6173240" "6284022" "6358487" "6421613" "6560498" "5729463" "4535629" "6186011" "4432485" "4514612" "4850794" "5308172" "5762609" "6422090" "6518545" "4419562" "5192845" "5659479" "4358656" "4430550" "4505762" "4532408" "4595820" "4613743" "4869109").pn. and (thermal weld\$) same (distort\$ and residual stress) same (simulat\$ emulat\$ model analy\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 09:30
58	1	("4596917" "5760365" "5180440" "4449029" "4611744" "5843573" "4427869" "4861960" "4944786" "4989017" "5678725" "5846371" "6116792" "6473480" "6506997" "5265035" "5675521" "4427526" "5373157" "5424634" "5442555" "5699284" "6039885" "6116766" "6157900" "6173240" "6284022" "6358487" "6421613" "6560498" "5729463" "4535629" "6186011" "4432485" "4514612" "4850794" "5308172" "5762609" "6422090" "6518545" "4419562" "5192845" "5659479" "4358656" "4430550" "4505762" "4532408" "4595820" "4613743" "4869109").pn. and (thermal weld\$) same (distort\$ and (residual stress)) same (simulat\$ emulat\$ model analy\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 09:41

59	0	("4596917" "5760365" "5180440" "4449029" "4611744" "5843573" "4427869" "4861960" "4944786" "4989017" "5678725" "5846371" "6116792" "6473480" "6506997" "5265035" "5675521" "4427526" "5373157" "5424634" "5442555" "5699284" "6039885" "6116766" "6157900" "6173240" "6284022" "6358487" "6421613" "6560498" "5729463" "4535629" "6186011" "4432485" "4514612" "4850794" "5308172" "5762609" "6422090" "6518545" "4419562" "5192845" "5659479" "4358656" "4430550" "4505762" "4532408" "4595820" "4613743" "4869109").pn. and (thermal weld\$) same (distort\$ and (residual near stress)) same (simulat\$ emulat\$ model analy\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 09:42
61	6	(thermal weld\$) same (distort\$ and (residual near stress)) same (simulat\$ emulat\$ model analy\$) and (@ad<19991127 @rlad<19991127)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 09:45
62	0	(thermal weld\$) same (distort\$ and (residual near stress)) same (simulat\$ emulat\$) same (model analy\$) and (@ad<19991127 @rlad<19991127)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 09:47
63	30	(thermal weld\$) same (distort\$ (residual near stress)) same (simulat\$ emulat\$) same (model analy\$) and (@ad<19991127 @rlad<19991127)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 10:02
64	3	700/\$ and (thermal weld\$) same (distort\$ (residual near stress)) same (simulat\$ emulat\$) same (model analy\$) and (@ad<19991127 @rlad<19991127)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 10:00
65	2	703/\$ and (thermal weld\$) same (distort\$ (residual near stress)) same (simulat\$ emulat\$) same (model analy\$) and (@ad<19991127 @rlad<19991127)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 10:00
67	0	706/\$ and (thermal weld\$) same (distort\$ (residual near stress)) same (simulat\$ emulat\$) same (model analy\$) and (@ad<19991127 @rlad<19991127)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 10:00
66	2	219/\$ and (thermal weld\$) same (distort\$ (residual near stress)) same (simulat\$ emulat\$) same (model analy\$) and (@ad<19991127 @rlad<19991127)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 10:12
68	7	(thermal weld\$) same (distort\$ (residual near stress)) same (simulat\$ emulat\$) same (model analy\$) and history and (@ad<19991127 @rlad<19991127)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 10:03

75	0	219/110 and (thermal weld\$) same (distort\$ (residual near stress)) same (simulat\$ emulat\$) same (model analy\$) and (@ad<19991127 @rlad<19991127)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 10:12
76	0	219/130.21 and (thermal weld\$) same (distort\$ (residual near stress)) same (simulat\$ emulat\$) same (model analy\$) and (@ad<19991127 @rlad<19991127)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 10:13
77	0	219/109 and (thermal weld\$) same (distort\$ (residual near stress)) same (simulat\$ emulat\$) same (model analy\$) and (@ad<19991127 @rlad<19991127)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 10:13
78	0	219/117.1 and (thermal weld\$) same (distort\$ (residual near stress)) same (simulat\$ emulat\$) same (model analy\$) and (@ad<19991127 @rlad<19991127)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 10:15
79	0	703/1 and (thermal weld\$) same (distort\$ (residual near stress)) same (simulat\$ emulat\$) same (model analy\$) and (@ad<19991127 @rlad<19991127)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 10:15
80	0	219/130.01 and (thermal weld\$) same (distort\$ (residual near stress)) same (simulat\$ emulat\$) same (model analy\$) and (@ad<19991127 @rlad<19991127)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 10:16
81	2	703/2 and (thermal weld\$) same (distort\$ (residual near stress)) same (simulat\$ emulat\$) same (model analy\$) and (@ad<19991127 @rlad<19991127)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 10:16
82	0	219/121.14 and (thermal weld\$) same (distort\$ (residual near stress)) same (simulat\$ emulat\$) same (model analy\$) and (@ad<19991127 @rlad<19991127)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 10:16
83	0	219/137PS and (thermal weld\$) same (distort\$ (residual near stress)) same (simulat\$ emulat\$) same (model analy\$) and (@ad<19991127 @rlad<19991127)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 10:16
84	0	700/97 and (thermal weld\$) same (distort\$ (residual near stress)) same (simulat\$ emulat\$) same (model analy\$) and (@ad<19991127 @rlad<19991127)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 10:16
85	0	703/7 and (thermal weld\$) same (distort\$ (residual near stress)) same (simulat\$ emulat\$) same (model analy\$) and (@ad<19991127 @rlad<19991127)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 10:16

86	0	706/915 and (thermal weld\$) same (distort\$ (residual near stress)) same (simulat\$ emulat\$) same (model analy\$) and (@ad<19991127 @rlad<19991127)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/22 10:17
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